CUMULATIVE INDEXES

CONTRIBUTING AUTHORS, VOLUMES 7–11

A

Acheson, K., 7:187–208
Adamo, M., 8:149–66
Anderson, G. J., 8:517–41
Anderson, K. E., 11:141–67
Argov, Z., 11:449–64
Arnaud, C. D., 10:397–414
Austin, J., 8:1–20
Aw, T. Y., 9:229–51
Axley, M. J., 9:127–37

B

Bacon, B. R., 7:485–508
Bada, J. L., 7:209–25
Baker, D. H., 11:239–63
Balena, R., 11:309–24
Battaglia, F. C., 8:43–61
Baynes, R. D., 10:133–48
Beattie, J. H., 10:63–83
Bensadoun, A., 11:217–37
Berk, P. D., 9:253–70
Berner, Y. N., 8:121–48
Beutler, E., 9:287–302
Blau, N., 8:185–209
Bothwell, T. H., 10:133–48
Bouchard, C., 8:259–77
Bowman, B. B., 9:187–99
Brambl, R., 8:461–82
Brannon, P. M., 10:85–105
Bremner, I., 10:63–83
Brennan, M. F., 10:107–32
Brittenham, G. M., 7:485–508
Brooke, O. G., 7:91–116
Broquist, H. P., 11:435–48
Bruch, R. C., 8:21–42
Bunce, G. E., 10:233–54
Burger, A. G., 9:201–27
Burton, G. W., 10:357–82
Butler, L. G., 7:423–40

C

Carlson, D. M., 7:423–40
Castro, C. E., 7:407–21
Cerami, A., 8:585–609
Chance, B., 11:449–64
Chauhan, J., 8:211–33
Chytil, F., 7:321–35
Claus, T. H., 11:465–515
Clemmons, D. R., 11:393–412
Coates, P. M., 9:139–60
Coburn, J. W., 11:93–119
Collarini, E. J., 7:75–90
Connor, W. E., 8:517–41
Cooper, B. A., 7:291–320
Cortner, J. A., 9:139–60
Crapo, P. A., 11:21–39
Czarnecki-Maulden, G. L., 11:239–63

D

Dakshinamurti, K., 8:211–33
Danforth, E., 9:201–27
Danks, D. M., 8:235–57
Dills, W. L., 9:161–86
DiPalma, J. R., 11:169–87
Drenick, E. J., 7:465–84
Duine, J. A., 10:297–318
Dunn, J. T., 9:21–38
Dwyer, J. T., 11:61–91

E

Edens, N. K., 9:417–43
Elwyn, D. H., 9:445–73

F

Farthing, M. J. G., 10:475–501
Fisher, E. A., 9:139–60
Fisler, J. S., 7:465–84
Fjeld, C. R., 11:355–73
Foster, D. W., 7:51–73
Fried, S. K., 9:417–43

G

Gahl, W. A., 9:39–61
Gaitan, E., 10:21–39
Gardner, M. L. G., 8:329–50
Gershwin, M. E., 10:415–31
Goldstein, S. A., 9:445–73
Goodridge, A. G., 7:157–85
Gordeuk, V. R., 7:485–508
Gordon, J. I., 7:337–59
Green, J. B., 10:41–61
Green, M. H., 10:41–61
Greenwood, M. R. C., 11:325–53
Groen, B. W., 10:297–318

H

Haas, R. H., 8:483–515
Harper, A. E., 7:509–37
Henderson, G. B., 10:319–35
Henderson, J. M., 7:137–56
Henry, R. R., 11:21–39
Hetzel, B. S., 9:21–38
Heuckeroth, R. O., 7:337–59
Holick, M. F., 8:375–99
Hopkins, P. N., 9:303–45
Horton, E. S., 10:255–75
Horwitz, B. A., 11:325–53
Horwitz, J., 10:233–54
Howard, G. R., 9:63–86

J

Jéquier, E., 7:187–208
Johnson, C., 7:441–63
Johnson, P. R., 11:325–53
Jones, D. P., 9:229–51
Jukes, T. H., 10:1–20

K

Kalinoski, D. L., 8:21–42
Kappas, A., 11:141–67
Kare, M. R., 8:21–42
Kassarjian, Z., 9:271–85
Katz, J., 7:51–73
Keen, C. L., 10:415–31
Keusch, G. T., 10:475–501
Kinoshita, J., 10:233–54
Kirke, P. N., 10:277–95
Klahr, S., 9:87–108
Kleerekoper, M., 11:309–24
Klein, G. L., 11:93–119
Koch, R., 7:117–35
Kritchevsky, D., 8:301–28
Kuwajima, M., 7:51–73

L

Lands, W. E. M., 11:41–60
Lei, K. Y., 11:265–83
Leibel, R. L., 9:417–43
LeRoith, D., 8:149–66
Levander, O. A., 7:227–50
Lonnerdal, B., 9:109–25
Lowry, S. F., 8:585–609

M

Man, E. H., 7:209–25
Matthews, K. S., 8:81–97
Mauer, A. M., 11:375–91
McCormick, D. B., 9:187–99
McGarry, J. D., 7:51–73
McNamara, D. J., 7:273–90
Mehansho, H., 7:423–40
Merrill, A. H. Jr., 7:137–56; 8:279–99
Meschia, G., 8:43–61
Miller, C. C., 10:433–50
Miller, E. R., 7:361–82
Moldawer, L. L., 8:585–609
Morley, J. E., 10:383–95
Mortimore, G. E., 7:539–64
Munro, H. N., 7:23–49

N

Nestel, P. J., 10:149–67
Neuringer, M., 8:517–41
Newgard, C. B., 7:51–73

O

Offenbacher, E. G., 8:543–63
Ong, D. E., 7:321–35
Overholt, C., 8:1–20
Oxender, D. L., 7:75–90

P

Palfrey, H. C., 9:347–76
Pariza, M. W., 8:167–83
Patel, S. C., 9:395–416
Pérusse, L., 8:259–77
Pentchev, P. G., 9:395–416
Perman, J. A., 9:475–502
Pi-Sunyer, F. X., 8:543–63
Pike, J. W., 11:189–216
Pilkis, S. J., 11:465–515
Pisters, P. W. T., 10:107–32
Plesofsky-Vig, N., 8:461–82
Poehlman, E. T., 10:255–75
Pösö, A. R., 7:539–64
Potter, B. J., 9:253–70
Prentice, A. M., 8:63–79
Price, P. A., 8:565–83
Pursel, V. G., 10:213–32

Q

Quig, D. W., 10:169–93

R

Rajagopalan, K. V., 8:401–27
Rosenberg, I. H., 9:187–99
Rosenblatt, D. S., 7:291–320
Roth, J., 8:149–66
Russell, R. M., 7:23–49; 9:271–85

S

Saavedra, J. M., 9:475–502
Sanchez, S. D., 10:397–414
Schoeller, D. A., 11:355–73
Schutz, Y., 7:187–208
Scott, J. M., 10:277–95
Scrimshaw, N. S., 7:1–21
Seitz, H. K., 8:99–119
Shike, M., 8:121–48
Shils, M. E., 8:429–60
Shinki, T., 10:195–211
Shive, W., 8:81–97
Simanowski, U. A., 8:99–119
Simon, J., 8:149–66
Small, D. M., 11:413–34
Snell, E. E., 9:1–19
Sokol, R. J., 8:351–73
Sommer, A., 9:63–86
Sorrentino, D., 9:253–70
Souba, W. W., 11:285–308
Stadtman, T. C., 9:127–37
Stare, F. J., 11:1–20
Steele, N. C., 10:213–32
Stern, J. S., 11:325–53
Suda, T., 10:195–211
Sunde, R. A., 10:451–74
Suter, P. M., 7:23–49
Suttie, N. F., 11:121–40
Sweetser, D. A., 7:337–59

T

Takahashi, N., 10:195–211
Thayer, W. S., 11:169–87
Thorburn, A. W., 11:21–39
Traber, M. G., 10:357–82

U

Ullrey, D. E., 7:361–82
Underwood, L. E., 11:393–412

V

van der Meer, R. A., 10:297–318
Vance, D. E., 10:337–56
Vance, J. E., 10:337–56
Villereal, M. L., 9:347–76
Vokes, T., 7:383–406

W

Webb, A. R., 8:375–99
Weir, D. G., 10:277–95
Wenz, E., 7:117–35
West, K. P., 9:63–86
Wharton, B. A., 9:377–94
White, H. B. III, 8:279–99
Williams, R. R., 9:303–45
Wu, C.-W., 7:251–72
Wu, F. Y.-H., 7:251–72

Y

Yetley, E., 7:441–63

Z

Ziboh, V. A., 10:433–50
Zilversmit, D. B., 10:169–93

CHAPTER TITLES, VOLUMES 7–11

PREFATORY ESSAYS		
The Phenomenon of Famine	N. S. Scrimshaw	7:1–21
Nutrition Policy: Building the Bridge Between Science and Politics	J. Austin, C. Overholt	8:1–20
Nutrition Research with Lactic Acid Bacteria: A Retrospective View	E. E. Snell	9:1–19
Nutrition Science from Vitamins to Molecular Biology	T. H. Jukes	10:1–20
Nutrition Research from Respiration and Vitamins to Cholesterol and Atherosclerosis	F. J. Stare	11:1–20
ENERGY METABOLISM		
Assessment of Energy Expenditure and Fuel Utilization in Man	E. Jéquier, K. Acheson, Y. Schutz	7:187–208
Nutrient Supply and Mitochondrial Function	T. Y. Aw, D. P. Jones	9:229–51
The Effects of Injury and Sepsis on Fuel Utilization	S. A. Goldstein, D. H. Elwyn	9:445–73
Regulation of Energy Expenditure in Aging Humans	E. T. Poehlman, E. S. Horton	10:255–75
Human Energy Metabolism: What Have We Learned from the Doubly Labeled Water Method?	D. A. Schoeller, C. R. Fjeld	11:355–73
Phosphorus Magnetic Resonance Spectroscopy in Nutritional Research	Z. Argov, B. Chance	11:449–64
CARBOHYDRATES		
From Dietary Glucose to Liver Glycogen: The Full Circle Round	J. D. McGarry, M. Kuwajima, C. B. Newgard, D. W. Foster, J. Katz	7:51–73
Dietary Regulation of Gene Expression: Enzymes Involved in Carbohydrate and Lipid Metabolism	A. G. Goodridge	7:157–85
Dietary Fiber	D. Kritchevsky	8:301–28
Sugar Alcohols as Bulk Sweeteners	W. L. Dills, Jr.	9:161–86
Current Concepts in Lactose Malabsorption and Intolerance	J. M. Saavedra, J. A. Perman	9:475–502
Current Issues in Fructose Metabolism	R. R. Henry, P. A. Crapo, A. W. Thorburn	11:21–39
Hepatic Gluconeogenesis/Glycolysis: Regulation and Structure/Function Relationships of Substrate Cycle Enzymes	S. J. Pilkis, T. H. Claus	11:465–515
LIPIDS		
Dietary Regulation of Gene Expression: Enzymes Involved in Carbohydrate and Lipid Metabolism	A. G. Goodridge	7:157–85
Effects of Fat-Modified Diets on Cholesterol and Lipoprotein Metabolism	D. J. McNamara	7:273–90
The Metabolic Significance of Mammalian Fatty-Acid-Binding Proteins: Abundant Proteins in Search of a Function	D. A. Sweetser, R. O. Heuckeroth, J. I. Gordon	7:337–59

Dietary Fat and Cancer Risk: Evidence and Research Needs	M. W. Pariza	8:167–83
The Essentiality of N-3 Fatty Acids for the Development and Function of the Retina and Brain	M. Neuringer, G. J. Anderson, W. E. Connor	8:517–41
Mechanisms of Cellular Uptake of Free Fatty Acids	B. J. Potter, D. Sorrentino, P. D. Berk	9:253–70
Genetic Defects of Lysosomal Function in Animals	S. C. Patel, P. G. Pentchev	9:395–416
Effects of N-3 Fatty Acids on Lipid Metabolism	P. J. Nestel	10:149–67
Plasma Lipid Transfer Activities	D. W. Quig, D. B. Zilversmit	10:169–93
Lipoprotein Assembly and Secretion by Hepatocytes	J. E. Vance, D. E. Vance	10:337–56
Essential Fatty Acids and Polyunsaturated Fatty Acids: Significance in Cutaneous Biology	V. A. Ziboh, C. C. Miller	10:433–50
Biosynthesis of Prostaglandins	W. E. M. Lands	11:41–60
Lipoprotein Lipase	A. Bensadoun	11:217–37
Should There Be Intervention to Alter Serum Lipids in Children?	A. M. Mauer	11:375–91
The Effects of Glyceride Structure on Absorption and Metabolism	D. M. Small	11:413–34
PROTEINS, PEPTIDES, AND AMINO ACIDS		
Mechanisms of Transport of Amino Acids Across Membranes	E. J. Collarini, D. L. Oxender	7:75–90
Phenylketonuria	R. Koch, E. Wenz	7:117–35
Dietary D-Amino Acids	E. H. Man, J. L. Bada	7:209–25
Intracellular Protein Catabolism and Its Control During Nutrient Deprivation and Supply	G. E. Mortimore, A. R. Pösö	7:539–64
Gastrointestinal Absorption of Intact Proteins	M. L. G. Gardner	8:329–50
Gene Polymorphisms and Variability of Human Apolipoproteins	E. A. Fisher, P. M. Coates, J. A. Cortner	9:139–60
Nutritional and Metabolic Aspects of Glutathione	E. Beutler	9:287–302
Adaptation of the Exocrine Pancreas to Diet	P. M. Brannon	10:85–105
Molecular Biology of Selenoproteins	R. A. Sunde	10:451–74
Glutamine: A Key Substrate for the Splanchnic Bed	W. W. Souba	11:285–308
Lysine-Pipecolic Acid Metabolic Relationships in Microbes and Mammals	H. P. Broquist	11:435–48
VITAMINS		
Diseases Associated with Defects in Vitamin B_6 Metabolism or Utilization	A. H. Merrill, Jr., J. M. Henderson	7:137–56
Inherited Defects of Vitamin B_{12} Metabolism	B. A. Cooper, D. S. Rosenblatt	7:291–320
Intracellular Vitamin A–Binding Proteins	F. Chytil, D. E. Ong	7:321–35
Inborn Errors of Pterin Metabolism	N. Blau	8:185–209
Regulation of Biotin Enzymes	K. Dakshinamurti, J. Chauhan	8:211–33
Riboflavin-Binding Proteins	H. B. White, III, A. H. Merrill, Jr.	8:279–99
The Role of Sunlight in the Cutaneous Production of Vitamin D_3	A. R. Webb, M. F. Holick	8:375–99
New Functions of Pantothenic Acid and Coenzyme A in Cellular Modification of Proteins	N. Plesofsky-Vig, R. Brambl	8:461–82
Thiamin and the Brain	R. H. Haas	8:483–515
Role of Vitamin-K-Dependent Proteins in Bone Metabolism	P. A. Price	8:565–83

Vitamin A and Infection: Public Health Implications	K. P. West, Jr., G. R. Howard, A. Sommer	9:63–86
Epithelial Transport of Water-Soluble Vitamins	B. B. Bowman, D. B. McCormick, I. H. Rosenberg	9:187–99
The Role of Vitamin D in Bone and Intestinal Cell Differentiation	T. Suda, T. Shinki, N. Takahashi	10:195–211
The Cofactor Pyrroloquinoline Quinone	J. A. Duine, R. A. van der Meer, B. W. Groen	10:297–318
Folate-Binding Proteins	G. B. Henderson	10:319–35
Vitamin E: Antioxidant Activity, Biokinetics, and Bioavailability	G. W. Burton, M. G. Traber	10:357–82
Use of Niacin as a Drug	J. R. DiPalma, W. S. Thayer	11:169–87
Vitamin D_3 Receptors: Structure and Function in Transcription	J. W. Pike	11:189–216
INORGANIC NUTRIENTS		
A Global View of Human Selenium Nutrition	O. A. Levander	7:227–50
Zinc in DNA Replication and Transcription	F. Y.-H. Wu, C.-W. Wu	7:251–72
Iron Overload: Causes and Consequences	V. R. Gordeuk, B. R. Bacon, G. M. Brittenham	7:485–508
Consequences of Phosphate Imbalance	Y. N. Berner, M. Shike	8:121–48
Copper Deficiency in Humans	D. M. Danks	8:235–57
Molybdenum: An Essential Trace Element in Human Nutrition	K. V. Rajagopalan	8:401–27
Magnesium in Health and Disease	M. E. Shils	8:429–60
Chromium in Human Nutrition	E. G. Offenbacher, F. X. Pi-Sunyer	8:543–63
The Iodine Deficiency Disorders: Their Nature and Prevention	B. S. Hetzel, J. T. Dunn	9:21–38
Trace Element Nutrition in Infants	B. Lonnerdal	9:109–25
Intracellular Calcium and Cell Function	M. L. Villereal, H. C. Palfrey	9:347–76
Goitrogens in Food and Water	E. Gaitan	10:21–39
Metallothionein and the Trace Minerals	I. Bremner, J. H. Beattie	10:63–83
Iron Deficiency	R. D. Baynes, T. H. Bothwell	10:133–48
Zinc Deficiency and Immune Function	C. L. Keen, M. E. Gershwin	10:415–31
The Interactions Between Copper, Molybdenum, and Sulphur in Ruminant Nutrition	N. F. Suttle	11:121–40
Dietary Copper: Cholesterol and Lipoprotein Metabolism	K. Y. Lei	11:265–83
Fluorides and Osteoporosis	M. Kleerekoper, R. Balena	11:309–24
WATER BALANCE		
Water Homeostasis	T. Vokes	7:383–406
OTHER FOOD COMPONENTS		
Dietary Tannins and Salivary Proline-Rich Proteins: Interactions, Induction, and Defense Mechanisms	H. Mehansho, L. G. Butler, D. M. Carlson	7:423–40
NUTRITION AND METABOLIC REGULATION		
Dietary Regulation of Gene Expression: Enzymes Involved in Carbohydrate and Lipid Metabolism	A. G. Goodridge	7:157–85
Effect of Altered Nutritional States on Insulin Receptors	M. Adamo, D. LeRoith, J. Simon, J. Roth	8:149–66
Cachectin: Its Impact on Metabolism and Nutritional Status	L. L. Moldawer, S. F. Lowry, A. Cerami	8:585–609

The Application of Compartmental Analysis to Research in Nutrition	M. H. Green, J. B. Green	10:41–61
Dietary Regulation of Cytochrome P450	K. E. Anderson, A. Kappas	11:141–67
Dietary Copper: Cholesterol and Lipoprotein Metabolism	K. Y. Lei	11:265–83
Animal Models of Obesity: Genetic Aspects	P. R. Johnson, M. R. C. Greenwood, B. A. Horwitz, J. S. Stern	11:325–53
Nutritional Regulation of IGF-I and IGF Binding Proteins	D. R. Clemmons, L. E. Underwood	11:393–412
Phosphorus Magnetic Resonance Spectroscopy in Nutritional Research	Z. Argov, B. Chance	11:449–64
GENETICS AND MOLECULAR BIOLOGY		
Dietary Regulation of Gene Expression: Enzymes Involved in Carbohydrate and Lipid Metabolism	A. G. Goodridge	7:157–85
Zinc in DNA Replication and Transcription	F. Y.-H. Wu, C.-W. Wu	7:251–72
Nutrient Effects on DNA and Chromatin Structure	C. E. Castro	7:407–21
The Role of Vitamin D in Bone and Intestinal Cell Differentiation	T. Suda, T. Shinki, N. Takahashi	10:195–211
Nutrient Partitioning by Transgenic Animals	N. C. Steele, V. G. Pursel	10:213–32
Vitamin D_3 Receptors: Structure and Function in Transcription	J. W. Pike	11:189–216
Animal Models of Obesity: Genetic Aspects	P. R. Johnson, M. R. C. Greenwood, B. A. Horwitz, J. S. Stern	11:325–53
CLINICAL NUTRITION		
Nutritional Requirements of the Elderly	H. N. Munro, P. M. Suter, R. M. Russell	7:23–49
Nutritional Requirements of Low and Very Low Birthweight Infants	O. G. Brooke	7:91–116
Diseases Associated with Defects in Vitamin B_6 Metabolism or Utilization	A. H. Merrill, Jr., J. M. Henderson	7:137–56
Inherited Defects of Vitamin B_{12} Metabolism	B. A. Cooper, D. S. Rosenblatt	7:291–320
Starvation and Semistarvation Diets in the Management of Obesity	J. S. Fisler, E. L. Drenick	7:465–84
Fetal Nutrition	F. C. Battaglia, G. Meschia	8:43–61
Energy Costs of Lactation	A. M. Prentice, A. Prentice	8:63–79
Alcohol and Carcinogenesis	H. K. Seitz, U. A. Simanowski	8:99–119
Heredity and Body Fat	C. Bouchard, L. Pérusse	8:259–77
Vitamin E Deficiency and Neurologic Disease	R. J. Sokol	8:351–73
Effects of Protein Intake on the Progression of Renal Disease	S. Klahr	9:87–108
The Impact of Nutrition on Thyroid Hormone Physiology and Action	E. Danforth, Jr., A. G. Burger	9:201–27
Hypochlorhydria: A Factor in Nutrition	Z. Kassarjian, R. M. Russell	9:271–85
Human Genetics and Coronary Heart Disease: A Public Health Perspective	P. N. Hopkins, R. R. Williams	9:303–45
Weaning and Child Health	B. A. Wharton	9:377–94
Physiologic Basis for the Control of Body Fat Distribution in Humans	R. L. Leibel, N. K. Edens, S. K. Fried	9:417–43
Amino Acid Metabolism in Human Cancer Cachexia	P. W. T. Pisters, M. F. Brennan	10:107–32
Nutritional Factors in Cataract	G. E. Bunce, J. Kinoshita, J. Horwitz	10:233–54
The Role of Nutrition in Neural Tube Defects	J. M. Scott, P. N. Kirke, D. G. Weir	10:277–95
Appetite Regulation by Gut Peptides	J. E. Morley	10:383–95
The Role of Calcium in Osteoporosis	C. D. Arnaud, S. D. Sanchez	10:397–414

Nutritional Aspects of AIDS	G. T. Keusch, M. J. G. Farthing	10:475–501
Nutritional Consequences of Vegetarianism	J. T. Dwyer	11:61–91
Parenteral Nutrition: Effect on Bone and Mineral Homeostasis	G. L. Klein, J. W. Coburn	11:93–119
NUTRITIONAL MICROBIOLOGY		
Selenium Metabolism and Selenium-Dependent Enzymes in Microorganisms	M. J. Axley, T. C. Stadtman	9:127–37
PUBLIC HEALTH NUTRITION		
Nutritional Applications of the Health and Nutrition Examination Surveys (HANES)	E. Yetley, C. Johnson	7:441–63
Evolution of Recommended Dietary Allowances—New Directions?	A. E. Harper	7:509–37
Nutritional Consequences of Vegetarianism	J. T. Dwyer	11:61–91
Should There Be Intervention to Alter Serum Lipids in Children?	A. M. Mauer	11:375–91
COMPARATIVE NUTRITION		
The Pig as a Model for Human Nutrition	E. R. Miller, D. E. Ullrey	7:361–82
Comparative Nutrition of Cats and Dogs	D. H. Baker, G. L. Czarnecki-Maulden	11:239–63
SPECIAL TOPICS		
Biochemistry of Vertebrate Olfaction and Taste	R. C. Bruch, D. L. Kalinoski, M. R. Kare	8:21–42
Nutritional Requirements for Growth of Human Lymphocytes	W. Shive, K. S. Matthews	8:81–97
Lysosomal Membrane Transport in Cellular Nutrition	W. A. Gahl	9:39–61